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No. 6] NEW DELHI, SATURDAY, FEBRUARY 5, 1983 (MAGHA 16, 1904)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
(Notifications and Notices issued by the Patent Office relating to Patents and Designs)

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PATENTS AND DESIGNS

Calcutta, the 5th February 1983

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The following holidays will be observed by the Patent Office, Calcutta during the year 1983 :—

Name of Festival	Day of the week	Date
Republic Day	Wednesday	26th January
Sree Panchami	Friday	18th February
Doljatra	Monday	28th March
Good Friday	Friday	1st April
Mahavir Jayanti	Monday	25th April
Buddha Purnima	Thursday	26th May
Id-ul-Fitr*	Tuesday	12th July
Independence Day	Monday	15th August
Id-ul-Zuha*	Sunday	18th September
Mahatma Gandhi's Birthday	Sunday	2nd October
Ma-ha Ashtami	Friday	14th October
Vijaya Dashami	Sunday	16th October
Muharram*	Monday	17th October
Diwali	Friday	4th November
Guru Nanak's Birthday	Sunday	20th November
Christmas Day	Sunday	25th December

*Subject to change depending on appearance of the moon.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135, of the Act.

30th December, 1982

1503/Cal/82. Britannia Industries Limited. Improved gas burner.

1504/Cal/82. Plessey Overseas Limited. Electro-Acoustic Transducers. (30th December, 1981).

1505/Cal/82. Cummins Engine Company, Inc. Hydraulically controlled and cooled unit fuel injector.

1506/Cal/82. Stauffer Chemical Company. Catenated phosphorus materials, their preparation and use, and semi-conductor and other devices employing them.

1507/Cal/82. A. H. Robins Company, Inc. Process for preparing 2-amino-3-benzoyl-phenylacetamides and cyclic homologues. [Divisional date 26th September, 1980.]

1508/Cal/82. A. H. Robins Company, Inc. Process for preparing 2-amino-3-benzoyl-phenylacetamides and cyclic homologues. [Divisional date 26th September, 1980.]

1509/Cal/82. A. H. Robins Company, Inc. Process for preparing 2-amino-3-benzoyl-phenylacetamides and cyclic homologues. [Divisional date 26th September, 1980.]

1510/Cal/82. Amerace Corporation. Flexible microporous rubber base articles and process for producing these. [Divisional date 11th June, 1979.]

31st December, 1982

1511/Cal/82. Schlumberger Limited. Induction logging technique.

1512/Cal/82. Cummins Engine Company, Inc. A liquid cooling unit for an internal combustion engine.

1513/Cal/82. Preformed Line Products Company. Vault end closure assembly.

1514/Cal/82. Nippon Chemiphar Co. and Teikoku Chemical Industry Co. Ltd. Process for the preparation of cyclohexane carboxylic acid derivatives. [Divisional date 20th September, 1980.]

1515/Cal/82. Nahum Sylvain. Tooth Brush.

1st January, 1983

1/Cal/83. Stauffer Chemical Company. Novel Pyridylpropyl Thiocarbonates insect repellents.

2/Cal/83. Josef Probst. Apparatus for producing biogas.

3/Cal/83. Damp S.P.A. Damping core articulated joint for mechanical articulated arm systems subject to vibrations.

4/Cal/83. Chicopee. Fabric having excellent wiping properties.

5/Cal/83. Vsesojuzny Nauchno-Issledovatel'sky Institut Sinteticheskikh Smol. Process for producing urea-formaldehyde foamed plastic.

6/Cal/83. Neste Oy. Procedure for producing soluble cellulose derivatives.

7/Cal/83. Neste Oy. Procedure for precipitating cellulose derivatives.

8/Cal/83. Beghin-Say. Unwoven material for medical compresses.

3rd January, 1983

9/Cal/83. Westinghouse Electric Corporation. Apparatus for growing a dendritic web.

10/Cal/83. Combustion Engineering, Inc. Fluidized bed fuel feed system.

11/Cal/83. Hoechst Aktiengesellschaft. Process for making a titanium dioxide concentrate.

12/Cal/83. Ronald A. McMaster. Conveyor roll for conveying heated glass sheets.

4th January, 1983

13/Cal/83. Hiltman Rasmus Nielsen. Window element.

14/Cal/83. Mitsui Toatsu Chemicals, Incorporated. 5-Methylthiopyrimidine derivatives, preparation process and fungicides containing same as active ingredients.

15/Cal/83. Westinghouse Electric Corporation. A steam turbine with superheated blade disc cavities.

16/Cal/83. Centre Stephanois De Recherches Mecaniques Hydromecanique Et Frottement. Method of depositing a layer of extremely hard chromium on a substrate.

17/Cal/83. Centre Stephanois De Recherches Mecaniques Hydromecanique Et Frottement. Electrical safety power supply for luminescent discharge.

18/Cal/83. Peuk Produits Chimiques Ugine Kuhlmann. Process for the treatment of chemical paper pulps.

19/Cal/83. Industries Development Corporation (International services) Co. Ltd. Vehicle drive system.

5th January, 1983

20/Cal/83. Siemens Aktiengesellschaft. High voltage insulation for a winding of a rotatable electrical machine.

21/Cal/83. Wrede Ky. Vaporizer tube for a solar collector.
22/Cal/83. Wredo Ky. Sun tracking device for solar energy collection.

23/Cal/83. Charles E. Haempen. Composite laminate joint structure and method and apparatus for making same.

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH, AT TODI ESTATES, III FLOOR, LOWER PAREL (WEST), BOMBAY-400 013

14th December, 1982

331/BOM/1982. Subramanium Vishwanathan. Battery operated emergency lift landing system.

332/BOM/1982. Arun Bhaskar Gangal. An improved grinder cum press.

333/BOM/1982. Vijay Dattatraya Parkhe. Improvements in or relating to cigarette lighter.

15th December, 1982

334/BOM/1982. Digambar Moreshwar Phatak & Vanaz Engineers Pvt. Ltd. Improvement in or relating to a pressure regulator for a liquified petroleum gas cylinder.

16th December, 1982

335/BOM/1982. Windsor Foods Limited. Bite Tester.

17th December, 1982

336/BOM/1982. Vemula Sambaiah. Dry coconut cutter.

337/BOM/1982. Swatantra Sinh Kouraw. A Churner.

18th December, 1982

338/BOM/1982. Mansur Jaffer Jani. Speed regulator device on tail vane of wind mill.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600002

23rd December, 1982

250/MAS/82. Z. Vedanayagam. Inverting choke for tube light.

251/MAS/82. S. A. R. Navakodi. Liquid Level Indicator with Locking Mechanism.

252/MAS/82. S. A. R. Navakodi. Electric Shock preventing device.

253/MAS/82. S. A. R. Navakodi. The Tester.

254/MAS/82. S. A. R. Navakodi. Face Changing Toy.

255/MAS/82. K. Kindred. Magnetic Globe.

256/MAS/82. S. I. Jaffer. A Shelf.

257/MAS/82. S. I. Jaffer. A Plate Rack.

258/MAS/82. C. S. Sainathan. An Intravenous Set.

27th December, 1982

259/MAS/82. J. Rabindra. An indicator to indicate the quantity of LPG in a cylinder.

28th December, 1982

260/MAS/82. V. Diwakar. A Method of manufacturing jointless chains and jointless chains manufactured by the said method.

261/MAS/82. E. G. Rao. Improvements to calculation and teaching aids.

262/MAS/82. G. S. P. R. Palnitkar. Collapsible Crash Helmet.

30th December, 1982

263/MAS/82. N. G. Parikh and K. A. Patel. Improvements in or relating to the process for the production of Vinyl Copolymers.

31st December, 1982

264/MAS/82. A. Viozat. Improvements in or relating to Planar Measuring.

1st January, 1983

1/MAS/83. P. Srivathsan. Indian type Latrine commode cover.

2/MAS/83. M/s Coromandel Prodorite Limited. Jointless flooring material composition and a method of preparing the same.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents on the prescribed Form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

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CLASS 32F₁, 2(b) & 55E₄ 150969.

Int. Cl. A61K 27/00; C07d 39/10.

PROCESS FOR PREPARING NAPHTHYRIDINE DERIVATIVES.

Applicants : AMERICAN HOME PRODUCTS CORPORATION, OF 685, THIRD AVENUE, NEW YORK 10017, UNITED STATES OF AMERICA.

Inventors : (1) ARTHUR ATTILIO SANTILLI AND (2) ANTHONY CARMEN SCOTSESE.

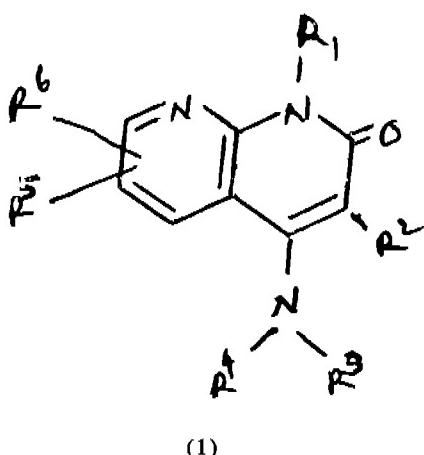
Application No. 1366/Cal/80 filed December 10, 1980.

Convention date 10th April, 1980 (11911/80) U.K.

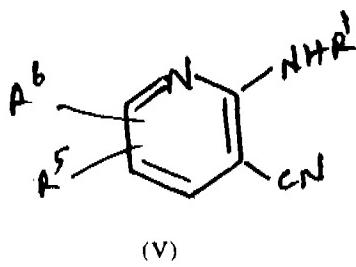
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A process for preparing a compound of the formula (1)



in which R¹ is hydrogen, alkyl of 1 to 6 carbon atoms, cycloalkyl of 5 to 6 carbon atoms, alken (3, 4, 5 or 6)-yl of 3 to 6 carbon atoms or alkyn (3, 4, 5 or 6)-yl of 3 to 6 carbon atoms; R² is -CO₂R⁷ where R⁷ is alkyl of 1 to 6 carbon atoms; R³ and R⁴ are hydrogen; R⁵ and R⁶ are independently hydrogen, alkyl of 1 to 4 carbon atoms, halo, alkylamino of 1 to 4 carbon atoms, or alkoxy of 1 to 6 carbon atoms; or a pharmaceutically acceptable salt thereof, which comprises reacting a 2-aminoni-cotinonitrile of formula (V)



wherein R¹, R⁵ and R⁶ are as defined above with a reactive malonic acid ester derivative selected from a lower alkyl malonyl halide and an alkali metal di(lower) alkyl malonate ester, followed by ring closure in known manner under basic conditions when a lower alkyl malonyl halide is used, to give after acidification a compound of formula I wherein R² is CO₂R⁷ and R³ and R⁴ are both hydrogen, and if desired converting a compound of formula I as defined above in known manner to a pharmaceutically acceptable salt.

(Compl. Specn. 20 Pages. Drg. 2 Sheets.)

CLASSES 10B, 69I & 206G

150970.

Int. Cl. F42c 11/06 & G06f 7/06.

"APPARATUS FOR SELECTIVELY ACTIVATING A PLURALITY OF ELECTRICAL LOADS AT PREDETERMINED RELATIVE TIMES."

Applicant : IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, SW1P 3JF, ENGLAND, A BRITISH COMPANY.

Inventors : IAN JOHN KIRBY, MICHAEL IAN MITCHELL AND ANDREW STRATTON.

Application No. 062/Del/79 filed on 29th January, 1979.
Convention date 1st February, 1978, (04057/78) U.K.
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

32 Claims.

Apparatus for selectively activating a plurality of electrical loads at predetermined relative times, said apparatus comprising,

A load activation control unit for providing reference timing signals, and

a separate electrical timing and load activation device electrically connected with each electrical load and also connected to the control unit to receive said reference timing signals,

each of said devices including timing means for measuring a reference time interval defined by said reference timing signals and for activating, subsequently to said measuring, its associated electrical load after a predetermined time delay which delay is determined as a function of said measured reference time interval.

(Compl. Specn. 58 Pages; Drg. 5 Sheets.)

CLASS 57B

150971.

Int. Cl. E05d 3/00.

AN IMPROVED HINGE.

Applicant : TECHNICO ENGINEERING INDUSTRIES, A SOLE PROPRIETARY CONCERN WHOSE PROPRIETOR IS DAWOOD GULAMHUSAIN KACHWALLA, INDIAN NATIONAL, OF 25, JAIRAJBHAI LANE, BOMBAY-400 008, MAHARASHTRA, INDIA.

Inventor : DAWOOD GULAMHUSAIN KACHWALLA.
Application No. 323/BOM/79 filed Nov. 19, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

4 Claims.

An improved hinge comprising two flaps one bigger and the other smaller, the smaller flap being formed from a smaller piece removed from the inside portion of a bigger piece from which the bigger flap is formed and the smaller and bigger pieces being folded in the middle to hold a pivoting pin so that the two flaps are held in place with the pivoting pin in such a way that the smaller flap lies inside the cut portion of the bigger flap and mate with it and wherein in the folded portion of the said flaps are spot welded.

(Compl. Specn. 7 Pages. Drg. 1 Sheet.)

CLASS 128B + 128G

150972.

Int. Cl. A61h 1/02.

PHYSIOTHERAPEUTIC HYDRAULIC TRACTION BED.

Applicant : KIRLOSKAR ENGINEERING PVT. LTD., 15/16, KAKA HALWAI INDUSTRIAL ESTATE, PAR-VATI, PUNE-411009, MAHARASHTRA, INDIA.

Inventors : 1. SRIPAD RAJARAM MIRASHI, 2. VIJAY DATATRAYA GHORPADE AND 3. RAMESH BAL-KRISHNA KULKARNI.

Application No. 37/BOM/1980 filed Feb. 25, 1980.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Bombay Branch.

1 Claim.

A physiotherapeutic hydraulic traction bed comprising a table formed of two members, the first member being fixed while the second member is movable towards and away from the first member characterised in that the said second member is connected to a hydraulically operated piston plying in a cylinder to afford forward and backward movements with a predetermined dwell and the said piston being worked by hydraulic pressure creating means such that the movement of the second member away from the first member applies traction to the patient suitably tied to the said bed followed by a dwell of few seconds and thereafter the said second member moves towards the first member to its original position, the cycle being repeated till the predetermined number of tractions are given to the patient.

(Compl. Specn. 7 Pages. Drg. 4 Sheets.)

CLASS 17SH
Int. Cl. F16J 9/00.

A METHOD OF MANUFACTURING COMPRESSION RINGS AND COMPRESSION RINGS MANUFACTURED THEREBY.

Applicant : INDIA PISTONS LIMITED, HUZUR GARDENS, SEMBIAM, MADRAS-600 011, TAMIL NADU.

Inventors : (1) ANNASWAMY SANKARAKRISHNAN
(2) RAMAMURTHI MAHADEVAN.

Application No. 148/Mas/81/ filed August 25, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

7 Claims.

A method of manufacturing compression rings for internal combustion engines comprising the steps of preparing strips by cutting metallic sheets of appropriate thickness into desired width depending on the dimensions required in the finished ring, fine blanking the said strips to obtain ring blanks, slitting the said blanks, and thereafter obtaining finished rings by heat-forming and finish machining in the usual manner.
(Compl. Specn. 6 Pages; Drg. 1 Sheet of size 30.00 cms. × 41.00 cms.)

CLASS 24D₁ & 2
Int. Cl. B61h 11/00.

EMERGENCY PORTION FOR A BRAKE CONTROL VALVE.

Applicants : AMERICAN STANDARD INC., OF 40 WEST 40TH STREET, NEW YORK, NEW YORK 10018, UNITED STATES OF AMERICA.

Inventor : JAMES EDWARD HART.

Application No. 521/Cal/78 filed May 15, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

36 Claims.

For use in a brake apparatus including a brake pipe, an emergency reservoir and a quick action chamber each normally charged to a certain chosen pressure, a brake cylinder and a fluid-pressure-operated service valve device, a fluid-pressure-operated emergency valve device operative in conjunction with said service valve device in response to emergency rate to effect an emergency brake application, said emergency valve device comprising : (a) a quick service volume chamber, (b) a continual quick service valve device operable jointly by the pressure in the quick action chamber and in the brake pipe in response to a continuing reduction of the pressure in the brake pipe at a service rate to effect repeated successive release of fluid under pressure from said quick service volume chamber to atmosphere and thereafter recharge of said quick service volume chamber from the brake pipe to the reduced pressure present in the brake pipe, (c) restricted means enabling flow of fluid under pressure from the brake pipe to the quick action chamber to provide for charging the quick action chamber from the brake pipe to the pressure in the brake pipe, and (d) fluid-pressure-operated means operably responsive to the release of fluid under pressure from the brake pipe to atmosphere to so cooperate with said continual..... quick service valve device and said restricted means as to cause the release of fluid under pressure from the quick action chamber to atmosphere at a rate in excess of said service rate, whereby said continual quick service valve device is rendered sequentially operative to terminate the release of fluid under pressure from said quick service volume chamber to atmosphere and thereafter effect recharging of said quick service volume chamber from the brake pipe to the reduced pressure in the brake pipe, and said fluid-pressure-operated means is rendered sequentially operative in conjunction with said continual quick service valve device to terminate the release of fluid under pressure from the quick action chamber to atmosphere at said rate that is in excess said service rate to enable the flow of fluid under pressure from the brake pipe to the quick action chamber until the pressure in the quick action chamber is the same as that in the brake pipe.

(Compl. Specn. 123 Pages. Drg. 4 Sheets)

CLASS 24D₁
Int. Cl. F16D 49/06.

A VEHICLE BRAKE MASTER CYLINDER.

Applicants : AUTOMOTIVE PRODUCTS LIMITED, OF TACHBROOK ROAD, LEAMINGTON SPA, WARWICKSHIRE, ENGLAND.

Inventor : ALISTAIR JOHN YOUNG.

Application No. 983/Cal/78 filed September 8, 1978.

Convention date 10th September, 1977 (37838/77) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A vehicle brake master cylinder comprising first and second pistons acting to pressurise first and second chambers respectively, one chamber for serving the front brakes of the vehicle and the other chamber for serving the rear brakes, the master cylinder being such that the force transmitted to each piston is directly proportional to the pedal effort applied by the driver, and wherein the first piston has two effective areas for pressurising the first chamber, the larger areas being effective during initial operation of the master cylinder and the smaller area being effective during subsequent operation.

(Compl. Specn. 31 Pages. Drg. 3 Sheets.)

CLASS 107G
Int. Cl. F02b 1/00.

EQUIPMENT FOR PREHEATING THE INTAKE AIR FOR AIR-COMPRESSING INTERNAL COMBUSTION ENGINE.

Applicants : MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESELLSCHAFT, OF KATZWANGER STR. 101, D 8500 NURNBERG, WEST GERMANY.

Inventors : DR. NUNZIO D' ALFONSO AND ING. ALFRED NEITZ.

Application No. 1061/Cal/78 filed September 23, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

Equipment for preheating the intake for air-compressing internal combustion engines with a fuel delivery system having at least a fuel delivery pump and a high pressure pump distributing the fuel to the individual injectors on the cylinders and which communicates through a header pipe with the fuel delivery system and comprises at least one injection nozzle and an ignition system, characterized in that an injection valve (10) is provided at the end of all high pressure pipes (9) leading to the engine cylinders and arranged to open at a predetermined pressure, and in that each of the high pressure pipes (9) is provided with a branch-off arranged to be shut off by an isolating valve (15), and in that all branch-offs are brought together to a common header pipe (14) supplying the preheating equipment with fuel.

(Compl. Specn. 12 Pages. Drg. 1 Sheet.)

CLASS 32F,
Int. Cl. B29b 1/00.

PROCESS FOR AFTER TREATING TETRAFLUOROETHYLENE POLYMERS.

Applicants : HOECHST AKTIENGESELLSCHAFT, OF D-6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY.

Inventor : REINHARD ALBERT SULZBACH.

Application No. 1067/Cal/78 filed September 25, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawing.

Process for aftertreating tetrafluoroethylene polymers, which had been thermally pretreated by heating to 325 to 500°C to a sintering degree of substantially 100%, determined by differential thermoanalysis, which can not be processed from the melt and have optionally been comminuted mechanically, with improvement of the bulk density and flow index, which comprises subjecting the thermally pretreated tetrafluoroethylene powder to an impact stress at a temperature below +80°C effected substantially exclusively by interparticulate collision of the particles under the accelerating influence of at least one gas jet of high velocity.

(Compl. Specn. 28 Pages. Drg. Nil.)

CLASS 173A

150978.

Int. Cl. B05b 1/00.

FUEL INJECTOR FOR INTERNAL COMBUSTION ENGINES.

Applicants : MASCHINENFABRIK AUGSBURG-NURNBERG AKTIENGESELLSCHAFT, OF KATZWANGER STRASSE 101, D-8500 NURNBERG, FEDERAL REPUBLIC OF GERMANY.

Inventor : DR. ING. ECKART MILLER.

Application No. 1115/Cal/78 filed October 13, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A fuel injector for an internal-combustion engine comprising a valve body and a nozzle needle axially-slidable therein under fuel pressure against spring action away from a valve seat in the body to allow fuel flow to a spray role having an axis inclined at an acute angle to the nozzle needle axis, wherein the nozzle needle has a tip extending beyond the valve seat into the spray hole and shaped so that the minimum free cross-sectional area of the spray hole as the needle is moved away from the valve seat is less than the minimum free cross-sectional area at the valve seat in substantially all positions of the nozzle needle.

(Compl. Specn. 7 Pages. Drg. 1 Sheet.)

CLASS 271

150979.

Int. Cl. E04C 2/00.

PANEL FOR BUILDINGS.

Applicants : NISSEKI HOUSE INDUSTRY CO. LTD., OF 2 KODENMACHO 1 CHOME, NIHONBASHI, CHUOKU, TOKYO, JAPAN.

Inventor : TAKASHI FUKUDA.

Application No. 1211/Cal/78 filed November 8, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A panel for buildings made of foam resin board and intended for being overlayed with mortar on its surface, comprising inwardly spread concave portions made by locally heating for a short time at positions slightly inward from the surface to melt the material of the board and make hollows therein, the concave portions being dispersed over the entire Int. Cl. B43K 7/00.

surface to be overlayed with mortar.

(Compl. Specn. 15 Pages. Drg. 3 Sheets.)

CLASS 208

150980.

A DEVICE FOR EDGING THE POINTS OF BALL PENS IN PARTICULAR THOSE MADE OF HARD MATERIAL.

Applicants : ALBE S.A., OF 6982 AGNO, SWITZERLAND.

Inventor : UGO BUZZI.

Application No. 1280/Cal/78 filed November 28, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A device for edging the point of a ball point pen comprising three working rollers arranged to run without slip on a conical running surface and arranged at 120° angular spacing so that regions of the rollers cooperate to define a working zone into which the point is moved to be engaged by said regions, the axes of the three rollers converging at the apex of said conical surface, a stationary shaft having a tapered end resiliently yieldable means urging said tapered end towards the rollers, and ball or roller bearing means rotatably supporting said conical surface.

(Compl. Specn. 8 Pages. Drg. 3 Sheets.)

CLASS 32E

150981.

Int. Cl. C08f 29/00.

PROCESS FOR THE PRODUCTION OF MOISTURE CROSSLINKABLE POLYMERIC OR ELASTOMERIC COMPOSITIONS AND POLYMERIC AND ELASTOMERIC COMPOSITIONS PRODUCED THEREBY.

Applicants : KABEL-UND METALLWERKE GUTEHOF-FNÜNGSHUTTE AKTIENGESELLSCHAFT, OF 271 VAHRENWALDER STRASSE, HANNOVER, GERMANY.

Inventors : DR. DIPLO. CHEM. HERMANN-UWE VOIGT AND ING. HANS-MARTIN SCHMIDTCHEN.

Application No. 1328/Cal/78 filed December 14, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawing.

A process for the production of polymeric or elastomeric composition which are based on thermoplastic materials, thermoplastic rubbers (TPR) and the like and which can be cross-linked by the action of moisture following the grafting on a silane compound on the molecules of the base material by mechanical-thermal treatment, which composition is immune to pre-crosslinking by adsorption of moisture during grafting and further able to provide a homogeneous extrudate having a smooth surface, preferably for the manufacture of sheathing elongate material such as electric cables, lines and pipes, the composition comprising, as base material(s), thermoplastic polymeric material(s), elastomer(s), thermoplastic rubber(s) (TPR) and the like; silane compounds; additives for grafting silane to said base materials and additives for cross-linking silane grafted base materials characterised in that the individual particles of the free-flowing base material, which is in the form of powder, grit, granulate, or the like, are caused to perform a movement, for example by stirring, and during or before this operation the silane compound and also the additives necessary for the grafting and for the cross-linking, such as peroxides, activators, and the like, are added, in liquid form, at temperatures below the crystallite melting range, that is to say below 100°C, that they penetrate completely or partially into the individual particles of the base material through diffusion (diffusion mixing process), and that then the composition is cooled to room temperature if its temperature has been raised during the mixing, then the cooled material being stored in closed containers.

(Compl. Specn. 32 Pages. Drg. Nil.)

CLASS 190A

150982.

Int. Cl. F02K 5/00, F02b 41/00.

A TURBOCHARGER ASSEMBLY.

Applicants : CUMMINS ENGINE COMPANY, INC., OF 1000 FIFTH STREET, COLUMBUS, INDIANA 47201, UNITED STATES OF AMERICA.

Inventors : JULIUS P. PEER, AND GEORGE L. MUNTEAN.

Application No. 1378/Cal/78 filed December 27, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A turbocharger assembly comprising a compressor section having a first chamber formed therein; a turbine section having a second chamber formed therein; a rotatable shaft having a first portion disposed within said first chamber and a second portion disposed within said second chamber, a first impeller wheel affixed to said shaft first portion, a second impeller wheel affixed to said shaft second portion; adjustable wheel for braking shaft rotation; a lubricated bearing assembly for said shaft disposed intermediate said compressor and turbine sections; a dynamic first seal encompassing said shaft and disposed intermediate said first chamber and said bearing assembly; a second seal encompassing said shaft and disposed intermediate said second chamber and said bearing assembly; and means for exerting a predetermined gaseous pressure on a portion of said first seal to inhibit migration of lubricant from said bearing assembly to said first chamber when said shaft is being braked.

(Compl. Specn. 11 Pages. Drg. 2 Sheets.)

CLASS 107B & G

150983

Int. Cl. F02b 33/44; 41/00.

AN INTERNAL COMBUSTION ENGINE.

Applicants : CUMMINS ENGINE COMPANY, INC., OF 1000 FIFTH STREET, COLUMBUS, INDIANA 47201, U.S.A.

Inventor : HANS HEYDRICH.

Application No. 1379/Cal/78 filed December 27, 1978.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

An internal combustion engine comprising a plurality of combustion chambers, an intake manifold connected to supply air to said combustion chambers and an exhaust manifold including first and second sections, said first section being connected to receive exhaust gases from a first set of said combustion chambers, and said second section being connected to receive exhaust gases from a second set, consisting of the remainder, of said combustion chambers, the arrangement being such that the combustion chambers of said first set fire at substantially regular intervals in the operating cycle of the engine, an exhaust gas recirculation line connected to conduct exhaust gases from said first exhaust manifold section to said intake manifold, a turbine-compressor unit including a compressor for compressing air and connected to supply said compressed air to said intake manifold, and a turbine driven by engine exhaust gases and connected to drive the compressor, said turbine being divided into first and second sections, said first turbine section being connected to receive exhaust gases from said first exhaust manifold section and said second turbine section being connected to receive exhaust gases from said second exhaust manifold section, the arrangement being such that, in operation, a higher pressure is present in said first exhaust manifold section than in said intake manifold.

(Compl. Specn. 11 Pages. Drg. 1 Sheet.)

CLASS 80H

150984

Int. Cl. B01d 21/00.

A CLARIFIER OR THICKENER APPARATUS USEFUL FOR SEPARATING SOLIDS FROM A LIQUID FEED CONTAINING SOLIDS SUSPENDED THEREIN.

Applicants : AMSTAR CORPORATION, OF 1251 AVENUE OF THE AMERICAS, NEW YORK, NEW YORK, UNITED STATES OF AMERICA.

Inventors : (1) FREDERICK G. EIS. (2) OREN V. BONNEY AND (3) WILLARD A. SACKETT.

Application No. 244/Cal/79 filed March 12, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

23 Claims.

A clarifier or thickener apparatus useful for separating solids from a liquid feed containing solids suspended therein comprising a tank for receiving said liquid feed, said tank being provided with a top liquid outlet means and a bottom solids outlet means, influent feed conduit means for supplying and liquid feed positioned closer to the top of said tank than the bottom annular feedwell means in fluid communication with said influent feed conduit means to receive said liquid feed therefrom, said annular feedwell means positioned vertically within said tank such that the bottom of said annular feedwell means is closer to the bottom of said tank than to the top thereof said annular feedwell means being open at the bottom thereof for the discharge into said liquid feed supplied to said annular feedwell means via said influent feed conduit means, substantially horizontal baffle means positioned substantially concentric with respect to said annular feedwell means and commensurate with respect to the cross-sectional area of the open bottom of said feedwell means, said baffle means being fixed and positioned so as to be spaced from but directly opposed with respect to the open bottom of said annular feedwell means for arresting and diverting the flow of liquid feed leaving the bottom of said annular feedwell means so that said liquid feed upon leaving the bottom of said annular feedwell means moves radially inward and outward within said tank with respect to said annular feedwell means and adjustable means for controlling the opening or distance between the bottom of said annular feedwell means and said baffle means to control the discharge of said liquid feed from the bottom of said annular feedwell means.

(Compl. Specn. 19 Pages. Drg. 1 Sheet.)

CLASS 64B₁

150985.

Int. Cl. H01r 5/00.

A METHOD OF CONNECTING A METAL BRAID TO A METAL MEMBER AND A METAL MEMBER SO PREPARED.

Applicants : LUCAS INDUSTRIES LIMITED, OF GREAT KING STREET, BIRMINGHAM, B 19 2XF, ENGLAND.

Inventors : DENNIS GEORGE GOODMAN AND DEREK EDWARD ALLEN.

Application No. 357/Cal/79 filed April 11, 1979.

Convention date 13th April, 1978 (14504/78) U.K.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A method of connecting a metal braid to a metal member, including the steps of crimping a strip of metal around the braid so that the strip is electrically connected to, and physically grips, the braid, the crimping operation in effect rolling the two end regions of the strip so that they extend towards the intermediate region of the strip trapping the braid, contacting the two rolled end regions of the strip against the metal member and effecting a weld between the rolled end regions of the strip and the metal member.

(Compl. Specn. 9 Pages. Drg. 1 Sheet.)

CLASS 56G & 981.

150986.

Int. Cl. C02b 1/04; F24j 3/02.

SOLAR DISTILLATION APPARATUS.

Applicant & Inventor : VIRGIL STARK, OF 936 FIFTH AVENUE, NEW YORK, N.Y. 10021, U.S.A.

Application No. 614/Cal/79 filed June 13, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

59 Claims.

Apparatus for distilling a liquid such as water using solar energy comprising : means for containing the liquid to be distilled; lens means disposed above said containing means for concentrating the solar energy in said liquid to be distilled; elongated conduit means disposed between said lens

means and said containing means for condensing evaporated liquid thereon, said conduit means being transparent at least in part so as to allow solar energy concentrated by said lens means to pass therethrough and reach said containing means, said conduit means including means for admitting fluid to and withdrawing fluid from said conduit means such that a fluid can be passed through said conduit means, said conduit means including a substantially smooth surface disposed above the containing means and positioned such that rising liquid vapor impinges upon said surface and is condensed thereon, said smooth surface being operative to transmit at least in part the heat of condensation released by evaporated liquid condensing thereon to the interior of said conduit means where such heat may be absorbed by the fluid in said conduit means and thereby may be recovered, said smooth surface having a vertically lower portion such that condensed liquid flows along said surface to said vertically lower portion thereof and is discharged therefrom, and liquid collecting means disposed below said lower portion of said smooth surface for collecting condensed liquid discharged from said lower portion.

(Compl. Specn. 48 Pages. Drg. 2 Sheets.)

CLASS 55D₂ 150987.

Int. Cl. A01n 9/36; 17/00.

PROCESS FOR PREPARING A SOLID PARTICULATE PESTICIDAL COMPOSITION.

Applicants : AMERICAN CYANAMID COMPANY, OF THE TOWNSHIP OF WAYNE, STATE OF NEW JERSEY, UNITED STATES OF AMERICA.

Inventor : NUNZIO ROBERT PASARELA..

Application No. 769/Cal/79, filed July 25, 1979.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawing.

A process for preparing a less toxic, slow release and long acting pesticidal preparation comprising preparing a sprayable formulation having 2 to 30% by weight based on the weight of the final preparation of a toxicant, selected from 2-(diethoxyphosphinylimino)-4, 3-dithiolane, 2-(diethoxyphosphinylimino)-4-methyl-1, 3-dithiolane, 2-(diethoxyphosphinylimino)-1, 3-dithietane, O, O-diethyl S-(ethylthiomethyl) phosphorodithioate, O, O-diethyl S-[1-(1-dimethylthiyl) thiomethyl] phosphorodithioate, and equivalents thereof spraying said formulation on a granular carrier selected from inert sorptive or nonsorptive material as herein described whereafter the so obtained preparation is sprayed with an acrylic polymer emulsion or solution, said acrylic polymer being selected from (1) hard, thermoplastic acrylic polymer having an intrinsic viscosity of from 0.75 dL/g to 3.1 dL/g at 30°C. in tetrahydrofuran, (2) hard, self-crosslinking thermoplastic acrylic polymers having an intrinsic viscosity of from 1.0 dL/g to 2.0 dL/g at 30°C. in dimethylformamide and (3) acrylic polymers having an intrinsic viscosity of from 0.05 dL/g to 0.1 dL/g at 30°C. in butanol.

(Compl. Specn. 26 Pages. Drg. Nil.)

CLASS 139A 150988.

Int. Cl. C09C 1/44, 1/48.

PROCESS AND APPARATUS FOR PRODUCING CARBON BLACK.

Applicants : VSESOJUZNY NAUCHNO-ISSLEDOVATELSKY INSTITUT TEKHNICHESKOGO GOUGLERODA OF IMSK, 5 KORDNAYA ULITSA, 29, USSR.

Inventors : (1) VITALY FEDOROVICH SUROVIKTIN, (2) ALEXANDR VADIMOVICH ROGOV, (3) GENNADY VASILIEVICH SAZHIN, (4) GEORGY LEONIDOVICH GORJUNOV.

Application No. 837/Cal/79 filed August, 13, 1979

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

8 Claims.

A process for producing carbon black comprising combustion of a fuel with the formation of a stream of products of complete combustion of the fuel; supply of a hydrocarbon feedstock into the stream of products of complete combustion of the fuel; thermal decomposition of the hydrocarbon feedstock in the stream of products of complete combustion of the fuel with the formation of reaction products separation of a portion of the reaction products and supply thereof into combustion chamber as a fuel to increase the total yield of carbon black and obtain pre-determined properties thereof; quenching of the remaining portion of the reaction products by introducing a cooling agent thereinto; recovery of carbon black from the remaining portion of the reaction products.

(Compl. Specn. 31 Pages. Drg. 1 Sheet.)

CLASS 112A

Int. Cl. F21I 15/06. 150989.

FLAMEPROOF FLUORESCENT TUBE LIGHT FITTING.

Applicant : MRS. MAYA BOSE, OF 106/1, KALI KUNDU LANE, HOWRAH-711101, STATE OF WEST BENGAL, INDIA.

Inventor : MR. SANTOSH KUMAR BOSE.

Application No. 426/Cal/80, filed April 11, 1980.
Complete Specification Left 11th June, 1981.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972) Patent Office, Calcutta.

12 Claims.

A flameproof fluorescent tube light fitting comprising a main housing and an auxiliary enclosure provided in a spaced relation to each other so as to accommodate a tube light there-between, said main housing being formed of two compartments and accommodates the cable connecting means in one compartment and in the other compartment the connecting means for one side of the tube light, the connecting means for the other side of the tube light being accommodated in the auxiliary enclosure, said housing and auxiliary enclosures being provided with covers, openings being provided on the sides of the main housing for the entry and outlet of cables and sealing boxes or armoured glands capable of being fitted therein.

(Compl. Specn. 21 Pages. Drg. 2 Sheets.)

PATENTS SEALED

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149906 149909 149914 149915 149920 149921 149929 149965
149991 149992 149993 149994 149996 150012 150013 150014

AMENDMENT PROCEEDINGS UNDER SECTION 57.

(1)

Notice is hereby given that George Frederick Fanta, of 2811 North Milbrook, Drive, Peoria, Illinois, United States of America Edward Irvin Stout, of 3832 St. Michael, Peoria, Illinois, United States of America, and William McKee Donee of 448 South Montane Morton Illinois, United States of America all are citizens of the United States have made an application under section 57 of the Patents Act, 1970 for amendment of specification of their patent application No. 147644 for "Method of preparing an aqueous fluid absorbing polyhydroxy polymer graft copolymer". The amendments are by way of correction and explanation so as to describe the nature of the invention more clearly. The application for amendment and the proposed amendments can be inspected free of charge of the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700 017, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three (3) months from the date of this notification. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that GAF CORPORATION, of 140 West 51st Street, New York, New York-10020, United States of America, a corporation organised and existing under the laws of the State of Delaware, United States of America have made an application under section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 149951 for "Process for preparing a single coating synergistic composition for the preharvest treatment of gossypium". The amendments are by way of to describe and claim the invention more thoroughly. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

PATENTS DEEMED TO BE ENDORSED WITH THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "Licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the Patents.

No. Title of the invention

144935 (10-08-76) Process for decontaminating catalyst and a process for the catalytic cracking of hydrocarbons using such a catalyst.

145599 (03-01-77) Improved ore halogenation process.

145716 (28-01-77) Method of producing photochromic glasses.

145752 (03-11-76) A method for producing fluorine compounds free gaseous mixture.

145814 (12-01-78) A method for enzymatic softening and upgrading of mesta and other coarse fibres.

RENEWAL FEES PAID

113211 114906 115115 118879 119271 119339 119356 119682
 119765 120055 120094 120202 121709 121710 124694 124745
 124747 124848 124859 145964 125044 125098 125207 127104
 127315 127439 127543 127598 129870 129963 130100 130219
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REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 152295. Super Industries, an Indian Partnership concern 150, Shyam Park, Sahibabad (U.P.) "Handle for Pressure Cooker". 16th September, 1982

Class 3. No. 152365. Anjali Products, 170, Bombay Talkies Compound Malad (West), Bombay-400 064, State of Maharashtra, India. "A Cassette Stand made of Plastic". 11th October, 1982.

Class 3. No. 152366. Anjali Products, 170, Bombay Talkies Compound, Malad (West), Bombay-400064, State of Maharashtra, India, "A Cassette Stand made of Plastic". 11th October, 1982.

Class 3. No. 152342. Shree Agencies, 4-E/13, Jhandewalan Extension, New Delhi-110055, (India). An Indian Partnership Firm. "Car Wheel Cover". 5th October, 1982.

Class 3. No. 152260. Canvas Shoe Company Private Limited, a Company incorporated under the provisions of the Indian Companies Act, 1956 of Bharat Insurance Building, Horniman Circle, Bombay-400 001, Maharashtra, India. "Footwear". 3rd September, 1982.

Class 3. No. 152261. Canvas Shoe Company Private Limited, a Company incorporated under the provisions of the Indian Companies Act, 1956 of Bharat Insurance Building, Horniman Circle, Bombay-400 001, Maharashtra, India. "Footwear". 3rd September, 1982.

Class 3. No. 152262. Canvas Shoe Company Private Limited, a Company incorporated under the Provisions of the Indian Companies Act, 1956 of Bharat Insurance Building, Horniman Circle, Bombay-400 001, Maharashtra India. "Footwear". 3rd September, 1982.

Class 3. No. 152263. Canvas Shoe Company Private Limited, a Company incorporated under provisions of the Indian Companies Act, 1956 of Bharat Insurance Building, Horniman Circle, Bombay-400 001, Maharashtra, India. "Footwear". 3rd September, 1982.

Class 3. No. 152264. Canvas Shoe Company Private Limited, a Company incorporated under provisions of the Indian Companies Act, 1956 of Bharat Insurance Building, Horniman Circle, Bombay-400 001, Maharashtra, India. "Footwear". 3rd September, 1982.

Class 3. No. 152265. Canvas Shoe Company Private Limited, a Company incorporated under provisions of the Indian Companies Act, 1956 of Bharat Insurance Building, Horniman Circle, Bombay-400 001, Maharashtra, India. "Footwear". 3rd September, 1982.

Class 3. No. 152266. Canvas Shoe Company Private Limited, a Company incorporated under provisions of the Indian Companies Act, 1956 of Bharat Insurance Building, Horniman Circle, Bombay-400 001, Maharashtra, India. "Footwear". 3rd September, 1982.

Extn. of Copyright for the Second period of five years

No. 149948. Class-3

No. 149949. Class-4

Extn. of Copyright for the third period of five years

No. 149948. Class-3

No. 149949. Class-4

DR. K. V. SWAMINATHAN,
Controller General of Patents,
Designs and Trade Marks.

